FORM PTO-1449 U.S. Department of Commerce Atty. Docket No. P27089 INFORMATION DISCLOSURE STATEMENT Applicant Applicant																
			B,	Y AF	PLI	CA	T				Applicant Thomas Gra	afenauer				
		(Use s	eve	ral s	heel	ts if	nece	essa	Filing Date 10/31/2003					Group 3635		
							· · .		U.S. PATENT	DOCUME	NTS					
EXAMINER	₹		DO	CUM	ENT	NUM	BER		DATE	NAME CLASS			SUB	CLASS		G DATE ROPRIATE
JL		6	1	_1_	9	4	2	3	9/19/00	Costar	ntino					
		6	1	4	8	8	8	4	11/21/00	Bolyar	d et al.					
			2	1	3	7	4	0	4/1/1879	Conne	٢					
		4	7	6	9	9	6	3	9/13/88	Meyer	son					
		5	2	9	5	3	4	1	3/22/94	Kajiwa	ra					
		4	8	1	9	9	3	2	4/11/89	Trotter	, Jr.					
		4	4	2	6	8	2	0	1/24/84	Terbra	ck et al.					
9		3	5	3	8	6	6	5	- 11/10/701-	Gohne	11/70					
	6 0 0 6 4 8 6									Moriau	Moriau et al.					
		4 2 4 6 3 1 0							1/20/81	Hunt e	t al.					
		5 3 4 9 7 9 6							9/27/94	Meyer	son					
		2	2 7 4 0 1 6 7						4/3/56	Rowley	1					*
		3	5	2	6	4	2	0	9/1/70	Branca	leone					
		4	0	0	6	0	4	8	2/1/77	Canna	dy, Jr. et al.					
		4	9	0	5	4	4	2	3/6/90	Daniels	3					
JL		2	4	3	0	2	0	0	11/4/47	Wilson						
	,							ı	OREIGN PATE	NT DOCU	MENTS					
	<u> </u>	-	DOC	UME	NT N	υмв	ER		DATE	CO	UNTRY	CLASS	SUBC	LASS	TRANS YES	LATION NO
	ļ:	├								•		<u> </u>	ļ			
	 	 									-					
	 	 														
	ļ	 						_								
	 	 -														
	 	 														ļ
	 															ļ
		-						 ∤								·
		-					·									
	<u> </u>	<u></u>		~-	ne.	000	71122		(lastrates a s		D-40 D- 11					L
	—γ	$\overline{}$		- 01	nek	יייי	OME	N15	(including Auti	ior, ilue,	Date, Pertinent I	Pages, Etc.)			
EXAMINE	L_ R		•	/ J	ess	ica	a La	aux	7	DAT	TE CONSIDE	RFD	10	/05/2	006	
		al if ci	tatio								in conformar					through
citation if	not in co	nforma	nce	and	not	con	side	red.	Include copy	y of this I	form with next	commun	ication	to appl	icant.	anough

FORM PT	O-1449				•	U.S	S. C Pate	epa ent a	rtment of Co	mmerce rk Office	Atty. Docket P27089	App 10/6	Application No. 10/697,567			
			В	Y AI	PPLI	CAN	IT		TEMENT		Applicant Thomas Gra	fenauer				
	(U	se s	eve	ral s	heel	ls if r	nece	essa	ry)		Filing Date 10/31/2003	Gro 363				
		_							U.S. PATEN	T DOCUME	NTS				 	
EXAMINER INITIAL			DO	CUM	ENT	NUM	BER		DATE		NAME	CLASS	SUBCLASS		FILING I	
JL		20	02/	010	6680)			10/31/02	Laurenc	e et al.	2002	01606	8 (0	
1		6	4	2	1	9	7	0	7/23/02	Martens	son et al.					
		3	3	4	7	0	4	8	10/17/67	Brown e	et al.					
		1	9	5	3	3	0	6	4/3/34	Moratz						
		6	7	1	1	8	.6	9	3/30/04	Tychser	<u> </u>			\neg		
		5	8	6	0	2	6	7	1/19/99	Pervan						
		5	7	6	8	8	5	0	6/23/98	Chen				1		
		5	3	4	9	7	9	6	9/27/94	Meyerso	on		_			
		5	0	2	9	4	2	5	7/9/91	Bogataj						
		4	6	4	1	4	6	9	2/10/87	Wood						
		4	1	6	9	6	8	8	10/2/79	Toshio				寸		
	<u> </u>	3	7		9	0	0	7	9/18/73	Thiele	· ·					
		3							5/8/73	Hoffman	n et al.			\dashv	•	
	:	3							7/24/62	Livezey				+		
		1	9	8	8	2	0	1	1/15/35	Hall	 		l 	\dashv		
		H	2	1	3	7	4	·	4/1/1879	A.J. Cor	ner			\dashv		-
		5		9	5	3	4	1	3/22/94	Kajiwara				十		
	+	6	5	1	6	5	7	- 9-	2/11/03	Pervan				\dashv		
JL		4	8	1	9	9	3	2	4/11/89	Trotter J	lr			+		
			Ť	·	Ť	<u> </u>	Ť		FOREIGN PAT							
	1					·-							 	\neg	TRANSLA	TION
			DOG	CUME	ENT I	NUME	BER		DATE	CC	DUNTRY	CLASS	SUBCLAS	s	YES	NO
														_	· ·	
	-													-		
														-		
	-				 .										_	
	 													4	•	
	 													_		
	 					·								\bot	•	
														_		
	ll															
				0	THER	DOC	MU	ENTS	i (including Au	thor, Title,	Date, Pertinent I	Pagos, Etc.				····
CVA SALA :~		L		-		<u>·</u>							10/05/22	INE.		
EXAMINE			_		ca			•			TE CONSIDE		10/05/20			
citation if r	er: Initial into in confo	rma	nce	on c	onsi	dere con	d, v side	vnet ered	ner or not o . Include co	atation is by of this	in conformar form with next	nce with commun	MPEP 609 ication to a	9; dr appli	aw line ti cant.	rough

FORM	FORM PTO-1449 U.S. Depar Patent ar										mmerce rk Office	nerce Atty. Docket No. Office P27089				Application No. 10/697,567		
	1	INFORM	/ATI			CLO PPLI			STA'	TEMENT		Applicant Thomas Gra	fenauer					
		(L	lse s	ever	al s	heel	ts if	лесе	2888	ıry)	Filing Date 10/31/2003					Group 3635		
										U.S. PATEN	T DOCUME	NTS			L	····		
EXAMIN INITIA				DO	CUM	ENT	NUM	BER		DATE	NAME CLASS			SUI	BCLASS		DATE OPRIATE	
JL			5	5 3 3 5 4 7 3					3	8/9/94	Chase							
			. 5	5 1 3 6 8 2 3					3	8/11/92	Pellegri	no						
		•	4	_5	8	5	6	8	5	4/29/86	Forry et	al.						
			4	2	9	0	2	4	8	9/22/81	Kemere	r et al.	ļ.					
			4	1	3	1	7	0	5	12/26/78	Kubinsk	y						
			3	8	7	8	0	3	0	4/15/75	Cook							
			6	2	2	4	6	9	8	5/1/01	Endo							
			6	4	2	1	9	7	0	7/23/02	Martens	son et al.					_	
		6 2 4 7 2 8 5								6/19/01	Moebus							
			6	7	8	6	0	1	9	9/7/04	Thiers	Thiers						
			20	03/0)159	9385	;			8/28/03	Thiers							
			6	4	9	0	8	3	6	12/10/02	Moriau e	et al.						
			6	5	1	0	6	6	5	1/28/03	Pervan							
			6	-5	3	8	-	7-	-8-	3/18/03	Pervan	6,53	2,709					
			6	5	3	6	1	7	8	3/25/03	Pålsson				·			
			.6	5	4	6	6	9	1	4/15/03	Peopold	ler					<u> </u>	
			6	5	9	1	5	6	8	7/15/03	Pålson						,	
			6	7	7	2	5	6	8	8/10/04	Thiers e	it al.						
JL			6	7	6	9	2	1	8	8/3/04	Pervan							
	•									FOREIGN PATI	ENT DOCU	MENTS						
						NT N				DATE	-	DUNTRY	01.400			TRANSL		
	+			3000	JMEI	141 14	UMB	EK		DATE		JUNIKY	CLASS	508	CLASS	YES	. NO	
	+										· ·	•						
			• • •															
																	 	
									-		:							
						—												
	-	-+		—														
				—														
					-01	MED	DO	CLIM	ENY	/Including Au	thor Title	Date, Pertinent	Panas Eta					
-		7	Т	·						/ (menanting Au	uioi, iiue,	Date, Peruntent	rages, c.c.	<u></u>				
EXAMI	NFR										DA.	TE CONSIDE	PED		0/05/2	006		
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through																	
citation	if not	in confe	orma	ince	and	f not	cor	.side	ered	. Include co	py of this	form with nex	t commun	icatio	n to app	llcant	unougn	

FORM PTO-1449 U.S. Department of Patent of Pat							epa nt a	rtment of Co nd Tradema	mmerce rk Office	Atty. Doc P27089	cket No.		Application No. 10/697,567			
it		ATION D	AP	PLI	CAN	IT				Applican Thomas	t Grafenauer	-	l			
	(U	se severa	al sh	reet	s if r	rece	ssa	ry) Filing Date 10/31/2003					Group 3635			
								U.S. PATEN	T DOCUME	NTS			·			
EXAMINER INITIAL		DOC	UME	NT I	NUM	BER		DATE		NAME CLASS			BCLASS	FIUNG DATE IF APPROPRIATE		
												<u> </u>				
									<u> </u>	·						
									<u> </u>							
		<u> </u>						· _								
		<u> </u>														
		<u> </u>														
															,	
										•					•	
												Ī .				
					-											
								FOREIGN PAT	ENT DOCU	MENTS						
		DOC	UME	NT N	NUME	BER		DATE	co	DUNTRY	CLASS	SUI	BCLASS	TRANS YES	LATION NO	
JL		3	6	. 3	7	9	5	12/25/72		RU						
		5		8	0	6	0	11/30/98		SE			T			
		5		1	0	1	4	10/17/94		SE						
		5	0	6	2	5	4	11/24/97		SE						
		4 2	4	2	5	3	0	6/23/94		DE						
!		· 04 —1	2_	-6_	_9_	_9-	-0-	11/24/94		wo	NO	94	2699	9		
JL		5	5	7	8	4	4	3/11/60	<u> </u>	BE						
	<u> </u>	.	ОТ	HER	000	CUM	ENT:	6 (Including A	ithor, Title,	Date, Pertin	ent Pages, Etc	.)				
		<u> </u>														
EXAMINER		/Jessic								TE CONS			/05/200			
*EXAMINER:											mance with				through	

FORM PTO-	1449					U.S	6. Do	epari nt an	ment of Con d Trademark	nmerce c Office	Atty. Dock P27089	et No.	Application No. 10/697,567				
11	NFORM				LOS			TAT	EMENT	•	Applicant Thomas (Grafenauer	······································				
	(U:	se se\						ssar	y)		Filing Date 10/31/200	e)3	Group 3635				
									U.S. PATENT	DOCUME	NTS						
EXAMINER INITIAL			000	UME	NT N	IUME	BER		DATE NAME			CLASS	SUE	CLASS	FILING DATE IF APPROPRIATE		
																	
		 					_							. <u> </u>			
		<u> </u>															
		ļ															
		ļ						\dashv									
	-	 													 	:	
		 													1		
		-												•			
		-								· · ·				<u> </u>			
		-															
	•	1													 		
		+															
		-			 -										 		
		+											-			 .	
•			<u>. </u>														
		 	-												 		
	·	+						-							 	=	
		ــــــــــــــــــــــــــــــــــــــ							FOREIGN PATE	ENT DOC	JMENTS		L		L		
· · ·	•	Γ					•						Ī			LATION	
·					NT N				DATE	<u>C</u>	OUNTRY	CLASS	SU	BCLASS	YES	NO	
JL		19	6	1	6	5	1	0	3/12/98		DE		-			ļ	
			5			9	8	9	8/6/31		DE		<u> </u>			 	
		2			7	8	1	3	10/19/83		GB		ļ <u>.</u>				
		 _		0	0	9	4	9	1/16/39	·	CH		_			 	
		7		0	2	4	7	6	6/24/71		DE					-	
		54	-		5	5	2	<u>B</u>	5/26/79		JP		├		:	 	
		 		0	1	9	1	4	6/19/95		SE		-			 	
 -		-		1		2	9	<u> </u>	2/28/00		SE		0.0	Lilaa	<u> </u>	 	
		99	-		<u>-0</u>	-2-	-7	_3 _	08/12/99		WO EP	NO	99	/402	7.5	 	
JL		0	8	6	9	1	6	3	1/5/00	than Title		ent Pages, Etc	L		L	<u> </u>	
					INE		CUN	CNI	- unclouing Au	anui, itti	, Date, Ferur	on Fayes, etc	•1		•		
EXAMINER		/700			T. 2 .	17/		_	· · · · · · · · · · · · · · · · · · ·		ATE CONS	IDERED	10/	05/200			
	N. 1. 111 1	/Jes							ther or set			mance with				theares	

FORM PTO	-1449	. U.S. Depar Patent ar	erce	Atty. Docket No.							
1		ATION DISCLOSURE STAT BY APPLICANT			Applicant Thomas Gra	efenauer					
	(Us	se several sheets if necessar	(Y)		Filing Date Group 10/31/2003 3635						
			U.S. PATENT DO	CUME	NT8						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO			
						33.33			11721110110		
				<u> </u>							
,											
		·									
	ļ		·								
,	ļ										
	 										
	 				· · · · · · · · · · · · · · · · · · ·			-			
	 	<u> </u>				<u> </u>					
	 										
	 				·	 					
	}	· · · · · · · · · · · · · · · · · · ·				+					
						<u> </u>					
	1		FOREIGN PATENT	DOCU	MENTS		L				
	•	DOCUMENT NUMBER	DATE	C	OUNTRY	CLASS	SUBCLASS	TRANSI YES	ATION ON		
JL		0 9 0 3 4 5 1	3/24/99		EP						
		0 9 5 8 4 4 1	7/23/03		EP						
		00 1 0 8 8 5 4	2/10/00		wo	NO	00/068	24			
		2 6 1 6 0 7 7	10/27/77		DE						
		163421	9/18/68		ES	ļ					
		4 6 0 1 9 4	5/16/78		E\$	 	<u>. </u>				
<u> </u>		1 0 1 9 5 8 5	12/12/91		ES	-	 				
		2 8 3 3 3 1	5/16/85		ES	 	(011) : =	<u> </u>			
 		-01 1 6 6 8 7 8	9/13/01		wo	WO NO	01/668				
JL		99 1 6 6 1 5 2	12/23/99		wo	<u>wo</u>	99/661		<u> </u>		
011	<u> </u>	OTHER DOCUMENT		r. Title		t Pages, Etc	100/068	26	L		
		VIII. 3000IREKT			,,						
EXAMINER	~ ——	/Jessica Laux/		DA	ATE CONSID	ERED	10/05/2	006			
*EXAMINE	R: Initial	if citation considered, whe	ther or not cita	tion i	s in conform	ance with	MPEP 609	; draw line	through		

FORM PTC	Patent and Trademark Office P27089 10/697,567																	
			81	/ AP	PLIC	CAN	IT			•	Applican Thomas	t Grafenauer						
	(U:	se se	ever	al si	neet	s if r	1806	essa	ry)	Filing Date 10/31/2003					Group 3635			
	•								U.S. PATEN	T DOCUME	NTS							
EXAMINER INITIAL			DOG	CUMI	ENT I	NUM	BER		DATE NAME			CLASS	SUBCLASS		FILING DATE IF APPROPRIATE			
JL	<u> </u>	5	7	9	7_	1	7	5	8/25/98	Schneid	ler		<u> </u>					
1		6 0 2 3 9 0 7								Pervan								
		6 7 6 9 2 1 7 8							8/3/04	Nelson								
		6 7 6 9 8 3 5 8						5	8/3/01	Stridsm	an							
		6761008						8	7/13/04	Chen et	al.							
9		6711864						4	3/30/04	Erwin								
		6 167 5 5 4 5							1/13/04	Chen et	al.							
7		6	6	1	7	0	0	9	9/9/03	Chen et al.								
		6	5	5	3	7	2.	4	4/29/03	Bigler								
		6 4 6 0 3 0 6							10/8/02	Neison								
		6 4 5 3 6 3 2						2	9/24/02	Huang								
		<u> </u>					1	8	9/17/02	Nelson								
		6	4	3	8	9	1	9	8/27/02	Knause	der				_			
		6	4	2	7	4 ·	0	8	8/6/02	Krieger								
		6	0	6	5	2	6	2	5/23/00	Motta								
		-20	04/0	206	036				10/21/04	21/04 Pervan								
JΓ		20	04/0	177	584				9/16/04	Pervan						٠ .		
									FOREIGN PAT	ENT DOCU	MENTS							
			DOG	симі	ENTI	NUM	BER		DATE	cc	COUNTRY		SUI	BCLASS	TRANSLATION YES NO			
		_								ļ	,		<u> </u>					
	· · · · ·	<u> </u>						·			·		├		•			
		-											—					
	 	 					<u>. </u>						<u> </u>					
		-											—					
		 											 					
 		-				·····				<u> </u>			 					
		<u></u>						•	<u> </u>	<u> </u>	<u> </u>		Ļ			L		
				01	HER	DO	UM	ENT	(including A	unor, Tille,	Date, Pertin	nent Pages, Etc	·)					
		┼-																
EVANALICO			-/	Jes	sic	a 1	au	x/-	·- ·	154	TE CONO	IDEDED	10/ (5/2006				
EXAMINER		:F ="								t citation is in conformance with MPEP 609; draw line through								
												next commu				unougn		